Car Navigation and Multimedia Systems

User’s Manual

Please take the time to read this instruction manual carefully before starting to operate.

Preface

Thank you for purchasing our car navigation and multimedia systems products. We believe you will enjoy the many benefits provided by this car navigation and multimedia systems. This manual has been carefully prepared, but we do not warrant it is error-free. Please contact us if you discover a mistake. All the information in this manual is subject to change without notice. You may refer the updated and upgraded information to our website.

Safety Precautions and Warnings

It is the user's responsibility to use the car navigation and multimedia systems with care. To reduce the risk of unsafe operation, please read through all the instructions carefully and make sure you understand all instructions for the first time operation. Familiarity with installation and operation procedures will assist you to obtain the best possible performance from the unit.

- The illustrations in this manual are for reference only. We recommend you to backup the important data in advance, and our company assumes no responsibility for any loss of data.
- This unit is designed to operate on 12V DC, negative ground electrical systems. Mounting and wiring this product require skills and experience. Leave the mounting and wiring work to professionals to prevent electric shock or other risks.
- The data of the navigation software may not be consistent with the actual traffic conditions due to accidents, road construction or other unforeseen developments. When in actual use, please comply with the actual road conditions and obey all traffic rules and laws.
- Start the car engine before using this unit, otherwise the unit will run out of the car battery.
- Do not expose the unit to direct sunlight or install the unit at an environment of excessive heat or humidity. Also avoid places with too much dust or the possibility of water splashing.
- You are not supposed to watch the monitor or operate your car navigation and multimedia systems while manipulating the steering wheel as you might be involved in an accident, for which we disclaim all liability.
- For your safety, you should not install the unit or wire any cable in a spot where it might obstruct the driver's view or manipulation or distract your attention. Besides, do not raise the volume level too high, because this will block outside sounds, leading to a traffic accident.
- Limited warranty: To avoid unexpected damages, you are persuaded to use the original accessories provided by our company. The warranty does not cover any failure due to the misuse, the installation of incompatible accessories or programs, the accidents or unauthorized repair.
- In some countries it is illegal to watch TV while driving. Therefore when you are driving for any extended period, do not watch any video or fix your eyes on the unit's display.

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Introduction

Your new car navigation and multimedia systems will allow you to determine your exact position and navigate to and from your destinations, as well as support such multi-functions as audio/ video playing, e-book reading, picture browsing, FM/ AM, Analog TV/ ISDB-T, Bluetooth hands-free, AVIN, AV-out etc.

Features

- 7.0” 800x480 HD Digital LCD touch screen
- SiRF Atlas-Ⅳ, dual-core, **ARM11** CPU, 533MHz+264MHz DSP: High-performance, power consumption
- Operating system: **WinCE 6.0**
- Internal/ External memory support up to **32GB**
- User friendly interface, outstanding graphics: simple and easy to operate
- Built-in **GPS** navigation system: Excellent signal reception enables to accurately pinpoint position and to navigate you efficiently to the destination
- Built-in Bluetooth CSR chipset: Connect to the Bluetooth cell phone to make and receive hands-free calls
- Advanced FM/ AM **radio** system (sensitive **PHILIPS** CHIPSET)
- AV-IN/ OUT: Rear view camera (optional)
- Built-in **Analog TV/ ISDB-T** (optional)
- Support **RDS, CAN BUS** protocol decoder function (optional)
- Support USB host for data transmitting, TF (Micro SD) & **iPod**
- Built-in 4.1 channel subwoofer output: 4x**50**W
- Multimedia player: Multi format music & movie player
- Support original car steering wheel control

Product Packaging:

Please check the following accessories included in the gift box:

1、Main unit * 1pc

2、Multifunctional connecting cable * 1pc

3、GPS antenna * 1pc (optional)

4、USB cable* 1pc

5、User’s Manual * 1pc

6、Analog/ ISDB TV antenna * 1pc (optional)

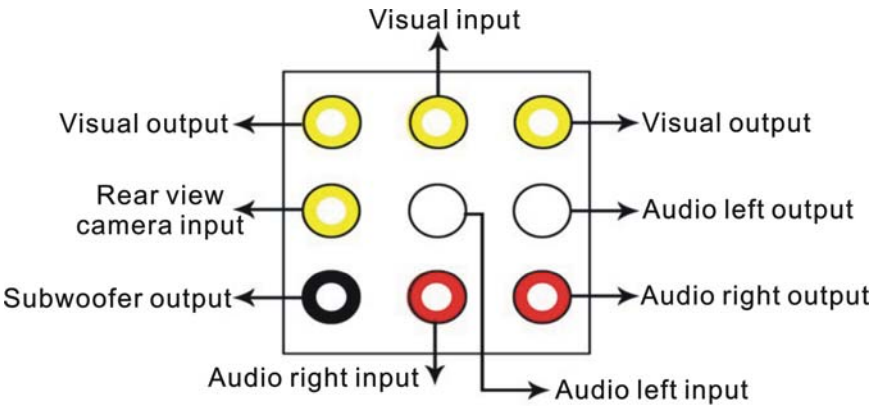
The above items are subject to the real objects. The pictures in the manual are reference only and may vary from the actual model purchased. Should you find any problem, please contact your dealer or distributor.

Specifications

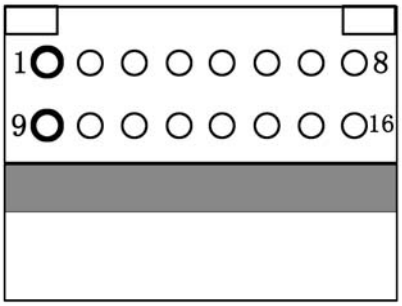
CPU	SIRF ATLAS IV 533MHz+ 264MHz DSP
Flash	128/256/512MB/1G/2G/4G/8G/16G/32GBytes
RAM	128Mbytes DDR
LCD	7”TFT LCD with the resolution of 800*480 pixels
Touch panel	High-precision and wear-resisting touch panel
USB	USB Client 2.0, MINI USB 5PIN port
TF	TF TF card slot, support up to 32GB TF card
Buttons	[Sleep/On/Off] [Vol+/ Vol-] [Mode] [Mute]
Bluetooth	Built-in Bluetooth ver2.0 certified
FM/AM	FM/ AM frequency range: 76～108MHZ
GPS	Cold start: <42S/ Hot start: <9S (in the open area)/ Warm start: <18S
Power	12V
Operating system	Microsoft Windows CE 6.0
Navigation software storage	TF card
Video player	Support playing the video files of WMV9, MPEG4, Divx 5.0/ 4.0/ 3.11, Xvid, MPEG2, ASF, AVI and WMV format
Audio player	Support playing the audio files of WMA9, MP3 和 WAV format and display synchronic lyrics
Picture browser	E-album, support browsing the pictures of JPG, GIF, BMP, PNG format
E-book reader	Support reading the text of TXT format
System settings	[Language setting] [Backlight setting] [Date setting] [Volume setting] [Power setting] [System setting] [ASP setting] etc.
System upgrade	Through TF card
Applications upgrade	Through TF card
Start-up screen upgrade	Through TF card

Connector Illustration

AV Input/ Output



Multi-functional connector



Connector	Function	Connector	Function
1	Ground lead	9	12V Power cord
2	ACC	10	Car light control
3	AV I/O cord	11	Car boot control
4	Steering wheel button+	12	Antenna power
5	Right speaker (front) -	13	Left speaker (rear) -
6	Right speaker (front) +	14	Left speaker (rear) +
7	Left speaker (front) -	15	Right speaker (rear) +
8	Left speaker (front) +	16	Right speaker (rear) -

Before Use

Operating Voltage

Make sure to ground the unit to a negative 12V DC power supply.

[Notes] To prevent malfunction or damage, do not let this unit work for too long at extreme environments such as high temperature, intense moisture.

Use the navigation system (as well as the optional rear view camera) only as a navigational aid rather than being distracted or careless by the navigation system while driving.

Always operate the vehicle in a safe manner. Should you be affected by operating this unit while driving, stop the operation immediately to observe the current traffic rules.

Be aware of all driving conditions as the navigation system is designed to provide you with route suggestions that might fail to reflect the latest route information or traffic restrictions.

You'd better not put on the earphone while driving. Keep the system volume at a low enough level to enable to hear outside noises otherwise you may be unable to react adequately to the outside traffic situation.

This unit is designed to operate through touch panel. The touch screen may be scratched or damaged by harsh or sharp objects thus please use the stylus with intact stylus point.

Mounting and wiring this unit require skills and experience. Leave the mounting and wiring work to professionals in case of electric shock or other risks. If you are unsure how to install this unit correctly, have it installed by a qualified technician.

In some countries it is illegal to watch TV while driving. For your and others' safety, do not watch any video or fix your eyes on your unit's display while driving. We disclaim any responsibility that results from this.

The optional rear view camera function is provided only as an aid for backing a car. We assume no responsibility for any accidents arising from this.

System Upgrade

You should follow the technician's instructions to upgrade and update the systems software.

Power On

Press the power button on the faceplate to turn on the power.

Power Off

To have this unit stop working, press the power button on the faceplate and the systems will enter sleep mode. When the power button is pressed and held down for 1 second or more, the power is turned off.

[Note] Please cut off the power before turning off your car ignition switch.

If no response to any operation please try to restart the systems by the following way:

Pressing the power button on the faceplate to cut off the power supply and then pressing it again to restart.

There may be no response in the following situations:

1. The process of switching between different pictures is prolonged or suspended, which leads to unsuccessful screen switch.

2. The time to execute certain instruction(s) by clicking the functional icons on the screen is too long, which results of failure to activate.

3. If the power button cannot work properly, please restart your unit by pressing the reset button.

This operation may cause data loss so please backup your data and information in advance.

TF Memory Card

This unit supports TF (Micro SD) card in which allows you to install the navigation software and data and other documents. Insert the TF card into the TF card slot to start the use.

[Note] Do not take out the TF card when the unit is running the navigation software or others in the TF card.

Never press hard on nor bend the TF card. Avoid the drop and impact to it.

Do not expose the TF card to direct sunlight. Do not use or storage it in a humid or corrosive environment. Keep away from liquid, heat sources and extreme temperature.

Take note of the right direction for inserting the TF card into the slot in case the slot or TF card is damaged due to carelessness.

USB Cable

Connect this unit to USB flash disk or USB-HDD through the MINI USB cable so that you can copy files between each other.

[Note] Please make sure that the unit is turned on.

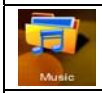
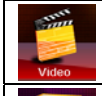
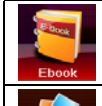
Plug the MINI USB terminal of the USB cable into MINI USB port on the right side of the unit's faceplate and standard USB terminal into the USB port of USB flash disk or USB-HDD.

The USB flash disk or USB-HDD to be connected must be FAT32 format. But for USB-HDD, it need exFAT format.

Data security: Please backup the data to other storage device in advance. We shall not be liable for any loss of data. In the process of connection, you should not pull out the MINI USB cable or turn off the unit, which will break off the connection and probably cause data loss.

Basic Operations

Main Menu

	Navigation	Provide the navigation for reference
	Radio	Receive FM/ AM radio channels
	Bluetooth	Connect with a Bluetooth mobile phone to make and receive the hands-free calls
	Music	Support playing the audio files in WMA9, MP3 and WAV format
	Video	Support playing the video files in WMV, ASF, AVI format
	E-book	Support reading the text in TXT format
	Picture	Support browsing the picture in JPG, GIF, BMP and PNG format
	Flash	Support playing the flash in SWF format
	Settings	Include the settings of volume, power, backlight, date time, language, system info., note, calculator, calendar, games, nav.setup, AVIN, screensaver, wallpaper, ASP, steering, MCU, AUX etc.

Navigation

This car navigation system is compatible with many kinds of licensed navigation software. According to the navigation software chosen, the GPS receiver will quickly pinpoint your position and upon input of your destination, the optimal route will be calculated, helping you reach your destination fast and safely.

[Note] Please refer the specific navigation operations to your “Navigation software manual”.

The unit must be connected to external GPS antenna otherwise the navigation system will be unable to pinpoint the position.

The data provided by your navigation software may not be consistent with the actual traffic conditions because of accidents, road construction or other unforeseen developments. When in actual use, please do comply with the actual road condition and obey the traffic rules and laws.

Many factors, such as being between high and dense buildings, in a tunnel or underground parking structure, under the viaduct, a sharp change of weather, or the closure of the satellite signal may affect the reception of the GPS satellite signal. This can result in an inaccurate position reading or even malfunction of the navigation system.

Music Player

The music player supports playing audio files in WMA9, MP3 and WAV format, you can set up the playing order as you like.

[Note] Before using the audio player, please copy your audio files to any folder of the memory card in advance.

Operation

1. Click

to open the audio folder shown as the following picture:

	Close	Exit the current folder
	Last page	Show the last page of the files

	Next page	Show the next page of the files
	Return	Return to the previous folder
	Folder name	The name of the current folder

2. Click to enter the audio player interface shown as the picture below:

	Close	Close the audio player
	Play	Go on to play the paused or stopped audio
	Pause	Pause playing the current audio
	Stop	Stop playing the current audio
	Playing order	Support playing in a random, sequential or circular way
	Last item	Play the previous item
	Next item	Play the next item
	Volume adjustment	Go left to turn down, go right to turn up
	Progress adjustment	Use the stylus to adjust the playing progress by sliding the progress bar, go left to back up, go right to advance
	Folder	Open the audio folder
	Display mode	Switch to display the lyrics or not
	Display area	Display the synchronic lyrics in LRC format

Video Player

The video player supports playing video files in WMV, ASF and AVI format. It also supports the full-screen playing, progress adjusting and file choosing.

[Note] Before using the video player, please copy your video files to any folder of the memory card in advance.

Operation

1. Click

to enter the video folder interface seen as the picture below:

	Close	Close the current folder
	Last page	Show the last page of the video files
	Next page	Show the next page of the video files
	Return	Go back to the previous folder
	File title. format	Show the file title and format

2. Click the video file icon

to open the video player shown as below picture:

	Close	Close the video player
	Play	Go on to play the paused or stopped video
	Pause	Pause playing the video
	Stop	Stop playing the video
	Progress adjustment	Use the stylus to adjust the progress by dragging the progress bar, go left to back up, go right to advance
	Full-screen playing	Click the screen to realize the full screen playing; Double click the screen to return to the normal playing
	Folder	Open the video folder

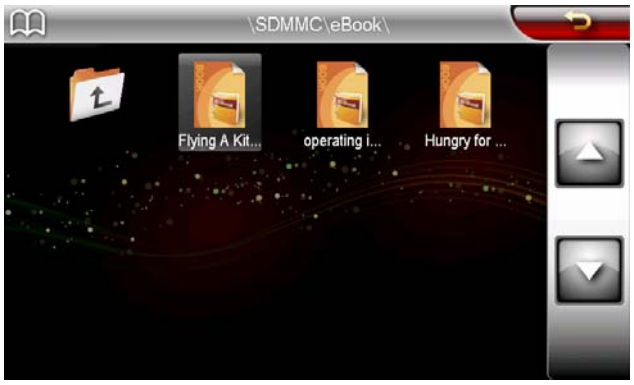
E-book Reader

The e-book reader supports reading the file in TXT format. It also supports the page turning and skipping and folder choosing as well.

[Note] Before using e-book reader, please copy your files to any folder of the memory card.

Operation

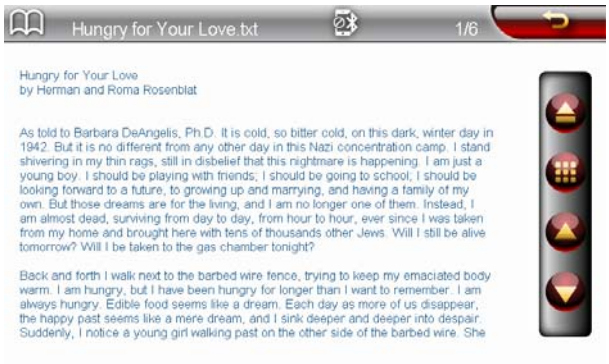
1. Click to open the e-book folder shown as the picture below:



	Close	Exit the current folder
	Last page	Turn to the last page of text files
	Next page	Turn to the next page of text files
	Return	Return to the previous folder
	Text title. format	Show the text title and format

2. Click

to open the e-book reader shown as the following picture:


Hungry for Your Love.txt
1/6
Hungry for Your Love
by Herman and Roma Rosenblat
As told to Barbara DeAngelis, Ph.D. It is cold, so bitter cold, on this dark, winter day in 1942. But it is no different from any other day in this Nazi concentration camp. I stand shivering in my thin rags, still in disbelief that this nightmare is happening. I am just a young boy. I should be playing with friends; I should be going to school; I should be looking forward to a future, to growing up and marrying, and having a family of my own. But those dreams are for the living, and I am no longer one of them. Instead, I am almost dead, surviving from day to day, from hour to hour, ever since I was taken from my home and brought here with tens of thousands other Jews. Will I still be alive tomorrow? Will I be taken to the gas chamber tonight?
Back and forth I walk next to the barbed wire fence, trying to keep my emaciated body warm. I am hungry, but I have been hungry for longer than I want to remember. I am always hungry. Edible food seems like a dream. Each day as more of us disappear, the happy past seems like a mere dream, and I sink deeper and deeper into despair. Suddenly, I notice a young girl walking past on the other side of the barbed wire. She

	Close	Close the e-book reader
	Last page	Turn to the last page of text
	Next page	Turn to the next page of text
	Page skipping	Enter the page-choosing interface which allows you to skip to any page to read
	Folder	Return to the e-book folder
	Current page/ Total pages	Show the current page No./ total pages

3. Click to enter the page choosing interface shown as the picture below:

	Close	Exit the page choosing interface
	Numeric keyboard	Consist of 10 figures from 0 to 9, compose all numbers from 0 to 99999999
	Numeric display area	Show the input page number
	Delete	Delete the last digit
	Cancel	Cancel all the numbers
	Skip	Skip to and browse the selected page

Picture Browser

The picture browser supports viewing the pictures in JPG, GIF, BMP and PNG format. It also supports the picture rotating, zooming and auto playback.

Operation

1. Click

to enter the picture browser interface shown as the following picture:

	Close	Exit the current folder
	Last page	Show the last page of the pictures
	Next page	Show the next page of the pictures
	Return	Return to the previous folder
	Picture title. format	Show the picture title and format

2. Click

to open the picture browser shown as the following picture:

	Close	Close the picture browser
	Zoom in	Zoom in the current picture on proportion

	Zoom out	Zoom out the current picture on proportion
	Rotate	Rotate the current picture clockwise by 90 degrees
	Auto playback	Playback all the pictures of this folder circularly on full screen
	Last item	Display the previous picture of the same folder
	Next item	Display the next picture of the same folder
	Folder	Return to the picture folder

Flash player

The flash player supports playing the flashes in SWF format.

[Note] Before using the flash player function, please copy your flash files to the memory card.

Operation

1. Click

to enter the flash player interface shown as the following picture:

	Close	Close the flash player
	Last page	Show the last page of flashes
	Next page	Show the next page of flashes
	Return	Return to the previous folder
	Flash title. format	Show the flash title and format

2. Click

to open the flash player shown as the picture below:

	Close	Back to the upper menu
	Play	Go on to play the paused or stopped flash
	Pause	Pause playing the flash
	Stop	Stop playing the flash
	Volume adjustment	Go left to turn down, go right to turn up
	Progress adjustment	Use the stylus to adjust the progress by dragging the progress bar, go left to back up, go right to advance
	Full-screen playing	1. Click the screen to realize the full screen playing 2. Double click the screen to return to the normal playing
	Open the folder	Open the video folder

Settings

The system setup include the settings of volume, power, backlight, date time, language, system info., note, calculator, calendar, games, nav.setup, AVIN, screensaver, wallpaper, ASP, steering, MCU, AUX etc. Click to enter system setup interface seen as the picture below:

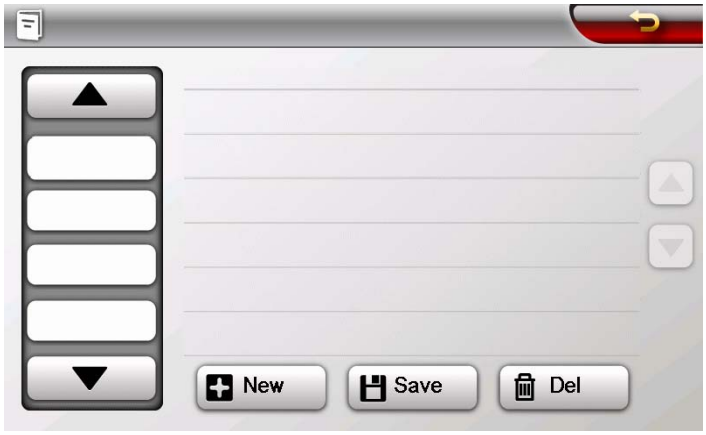
Note

The note function supports text writing, saving and deleting. And it's convenient to make records.

Operation

Click

to open the Note interface shown as the pictures below:



	Close	Back to the upper menu
	Last record	Show the last record

	Next record	Show the next record
	Recorded events	Display the recorded events
	New	Write new record
	Move	Move the keyboard to the top so as to input words at the bottom
	Hide	Hide the keyboard
	Save	Save the words
	Delete	Delete the record
	Last page	Show the last page of a record
	Next page	Show the next page of a record
	Last character	Display the last characters
	Next character	Display the next characters
	Words display	Show the input letters
	Delete	Delete the input words
	Linefeed	Shift to a new line

Calculator

The calculator supports ordinary and scientific calculation. It also supports the hexadecimal, decimal, octal and binary system, and angle, radian, grads calculation as well.

Operation

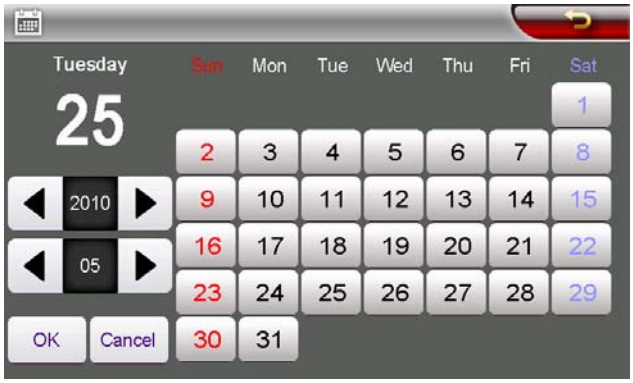
Click to enter the calculator interface shown as the following picture:
The operation of this calculator is the same as the ordinary calculator.

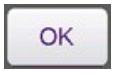
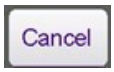
Calendar

Besides showing the current date, the calendar also supports date searching as well as the solar and lunar calendars.

Operation

Click to enter the calendar interface shown as the picture below:



	Close	Back to the upper menu
	Year	Click the left or right icon to choose the right year
	Month	Click the left or right icon to choose the right year
	OK	Reset and confirm the day, month and year of system
	Cancel	Cancel the setup

FM/ AM Radio

Click to enter the interface of FM/ AM shown as the picture below:

	Close	Exit the radio interface
	Main Menu	Return to the main menu
	Leftwards	Choose the saved radio channels leftwards
	Rightwards	Choose the saved radio channels rightwards
	Saved channels	Display the saved radio channels
	FM channel searching	Search the FM radio channels
	Channel searching/ saving	Search the radio channels and save automatically, but you should delete your prior saved channels at first
	Channel saving	Save the current radio channel automatically
	Channel locked	Switch between three modes of locking the radio channel: Strong, moderate, weak
	Channel Deletion	Delete the current channel
	Frequency Setting	Input the frequency directly to set the channel
	Channel searching	Search the radio channels leftwards/ rightwards
	Frequency setup	Each click will increase the frequency by 0.1 MHz
	Frequency setup	Each click will increase the frequency by 0.1 MHz
	Volume setup	Include the setups of mute, volume increased and decreased
	Mode switching	Shift to your desired radio channel
	Signal indicator	Indicate the strength or weakness of the signal

	Close	Exit the channel input interface
	Numeric keyboard and decimal point	Input the radio frequency
	Delete	Delete the last digit of input frequency
	OK	Confirm the input frequency

Volume

Click

to enter the volume setup interface shown as the picture below, which includes:

1. Speaker volume adjustment
2. Enable the sound for taps or not
3. Enable the special voice for opening an interface or not

	Close	Exit the volume adjustment interface
	Volume -	There are 10 levels for the system volume (from loudest to mute), each click will decrease a level
	Volume +	There are 10 levels for the system volume (from mute to loudest), each click will increase a level
	Enable sounds for taps	Select to turn on the sound, vice versa
	Current volume	Blue grids show the current volume level, a grid for a level

Backlight Settings

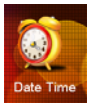
Click

to enter the backlight setup interface shown as the following picture:

	Close	Exit the backlight setup interface
	Backlight-	Decrease the brightness of the backlight
	Backlight+	Increase the brightness of the backlight
	Current backlight	The grids represent the degree of current backlight

Date Time

Date time setups include the settings of date, time and time zone.

1. Click 

to enter the date time setup interface shown as the picture below:

Click to enter the time setup interface shown as the following picture, then click or to set up the hour and minute, and click to save and exit at last.

2. Click to enter the date setup interface shown as the following picture, then click or to setup the year, month and date, and click to save and exit at last.

3. Click to enter the time zone setup interface shown as the following picture, then click or to set up the time zone, and click to save and exit at last.

1

Language

Click

to enter the language setup interface shown as the picture below:

Click or to choose the system language. Meanwhile the screen will display the national flag above the language bar accordingly, click to save and exit at last.

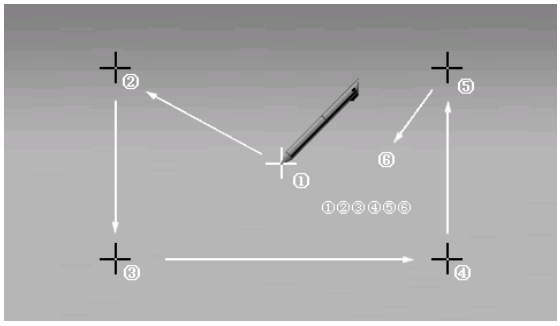
System Info

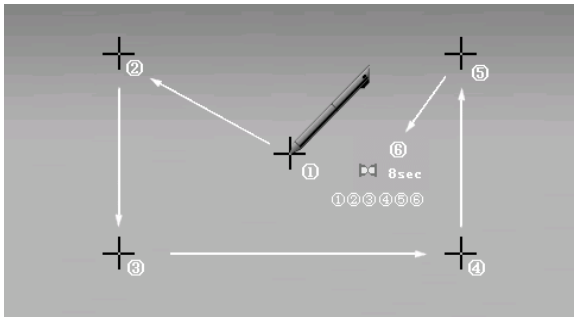
System info settings include calibration, GPS reset, factory reset.

Calibration

Click

to enter the screen calibration interface shown as the following picture. Use the stylus to click the center of each cross cursor from ① to ⑥, i.e. from center, upper left, lower left, lower right, upper right and finally to the center again till the calibration is successful, and then the system will exit the screen calibration interface automatically to the system info setup interface.





Factory Reset

Click

the system will recover the factory (default) setup.

MCU Upgrade

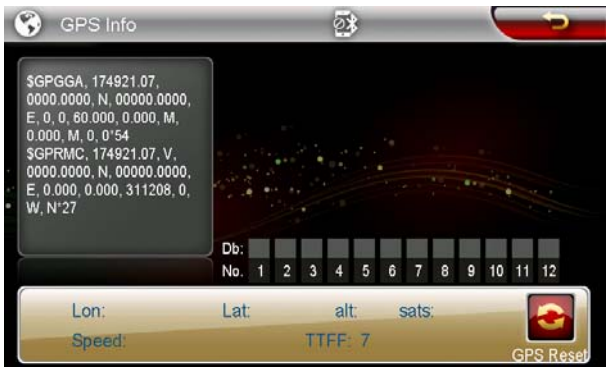
Click

in settings interface to enter the MCU upgrade interface seen as the picture below:

Copy the to be upgraded MCU documents to the root directory of SD/ TF card, and insert this

card to the unit then the MCU documents will be read as well as the version number.

GPS Info

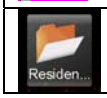


Wallpaper

Click

in the settings interface to enter the wallpaper setup interface shown as the following pictures. This wallpaper is similar with that of the computer.

	Close	Exit the current interface
	Last page	Show the last page of pictures
	Next page	Show the next page of pictures

	Open the folder	Enter the picture folder interface
	Delete	Delete the selected wallpaper picture
	Confirm	Confirm to set up the currently selected picture as wallpaper, but this will malfunction in default display mode
	Return	Return to the previous folder
	Folder name	Show the name of the current folder

Games

Click in the settings interface to enter the game interface shown as the following picture. You can choose different games to play, click the relevant game icon to start.

Screensaver

Click in the settings interface to enter the screensaver setup interface shown as the following picture. This screensaver is similar with that of the computer.

	Close	Exit the current interface

	Screensaver on/ off	Choose to turn on or off the screensaver function
	Picture folder	Enter the picture folder interface
	Confirm	Confirm to set up the currently selected picture as wallpaper
	Last item	Display the previous picture of the same folder
	Next item	Display the next picture of the same folder

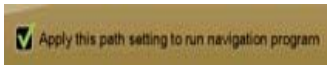
Click to enter the picture folder interface shown as the following picture.

	Close	Exit the current interface
	Last page	Show the last page
	Next page	Show the next page
	Folder name	Show the name of current folder

Nav. Setup

Click in the settings interface to enter the navigation setup interface shown as the following pictures:

[Note] You are allowed to set up different navigation paths, but you should always plan your route beforehand since it is dangerous to operate your unit while driving.

	Close	Exit and save the setup of navigation path
	Path of navigation software	Choose the path of navigation software from TF card
	Apply this path setting to run navigation program	Select this option to apply the chosen navigation software for actual use, vice versa
	Last page	Show the last page of the navigation software
	Next page	Show the next page of the navigation software

Bluetooth

Please note that after entering the Bluetooth setup interface, you must wait for 10 seconds before clicking the “Pair” icon to pair your unit with a Bluetooth device.

Operation

1. Click in the main menu to enter the Bluetooth setup interface shown as the picture below:

	Close	Exit the current
	Phone keyboard	Dial the phone number
	Phone records	Record all outgoing, received, missed calls of this unit with at most 20 records for each item
	Speed dial	Record the last call you dialed if any, which enables you to dial the number directly
	Pair	Pair the unit with a Bluetooth mobile phone

	Attribute	Set up the Bluetooth pin code, incoming call ring, cut off the Bluetooth function or not
	Pair device	Display all the ever paired and matched Bluetooth devices
	Status	Show the current pair status

2. Click in the Bluetooth interface to set up the Bluetooth shown as the picture below:

	Close	Exit the current interface
	Bluetooth name	Bluetooth name: GPS (unchangeable)
	Pin code	Show the already set pin code
	Numeric keyboard	Set up the Bluetooth pin code
	Keep Bluetooth run when interface closed	It is default that the Bluetooth function is still on when the Bluetooth interface is closed. If you ignore this option, the Bluetooth function will be closed accordingly.
	Auto pick up the coming call	By choosing this option, the incoming call will be answered automatically, vice versa.

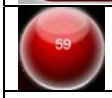
3. Click in the Bluetooth setup interface to set up the pin code shown as the following picture:

	Close	Exit the current interface
	Number display area	Display the pin code
	Numeric keyboard	Consist of 10 figures from 0 to 9, input and display 16 digits at most
	Clear	Delete the last digit
	Enter	Confirm the input of the pin code

[Note] After resetting the pin code, you should input the renewed pin code rather than the default “8888” to pair another Bluetooth cell phone, otherwise they can not be successfully connected.

4. Click

in the Bluetooth interface to enter the pair interface shown as the picture below:

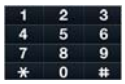
	Close	Exit the current interface
	Pair time	The automatic timing lasts 60S
	Pair pin code	Display the pin code for pair
Pair instruction	Put the Bluetooth cell phone near this car navigation and multimedia systems, and then select the phone’s menu “Tools” - “Bluetooth” - “Pair device”, click “Options” and select “newly paired device”. After a few while the cell phone will find the new Bluetooth device “XXXX”, i.e. your unit. Click “Options” again, you will be prompted to input the pin code of the Bluetooth devices XXXX. Input “8888” and confirm, then the cell phone will show that the pairing is completed. For the third time to click “Option”, select “Connect”. There will be a loudspeaker icon displayed on the cell phone screen after successful connection and the unit will exit the pair interface automatically. The status bar in the Bluetooth interface indicates “Mobile phone connected”, the cell phone icon in the status bar will become red and the blue LED will turn from glittery to alight.	

[Note] 1. The above instruction is in line with the Nokia 3280 mobile phone only, for other models please refer to the relevant cell phone instruction manual to pair.

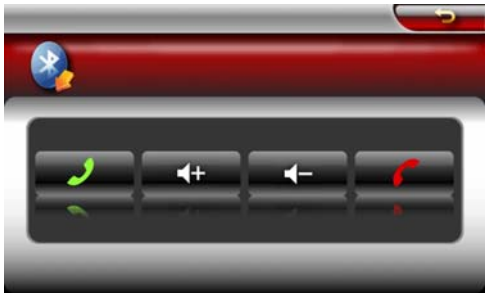
2. This unit will automatically connect the ever paired device when entering the Bluetooth interface later, and the ever paired Bluetooth cell phone will prompt you “Whether to accept the connection request of XXXX”, click “Yes” and no need to input the pin code and search the Bluetooth device again.

5. Click

in the Bluetooth interface to enter the phone keyboard interface shown as the following picture:

	Close	Exit the current folder
	Numeric display area	Show the input number
	Numeric keyboard	Consist of 10 figures from 0 to 9 and “*” “#”, input 20 items of phone numbers and display 16 characters at most
	Back space	Delete the last digit
	Calling	Make a phone call
	Hang up	Finish the call

6. If there is an incoming call, the screen will display “Incoming call” as well as the relevant phone number shown as the picture below:



	Minimize	Minimize the current interface
	Volume+	Increase the volume (also available on calling)
	Volume-	Decrease the volume (also available on calling)
	Numeric display area	Display the incoming phone number
	Answer	Answer the call
	Ignore	Hang up

7. Click

in the Bluetooth interface enter the call record interface shown as the picture below:

	Close	Exit the current folder
	Outgoing call records	Display the outgoing calls
	Received call records	Display the received calls
	Missed call records	Display the missed calls
	Phone number display area	Display the records of phone number items
	Last Page	View the call records of last page
	Next Page	View the call records of next page
	Delete the selected call record	Delete the selected call record
	Delete the selected series of call records	Delete the selected series of call records
	Dial the selected call record	Dial the selected call record

[Note] Only the most recently 20 outgoing, incoming or missed calls can be recorded for the GPS navigator, which includes the phone number, incoming and lasting time of the call.

8. Click

in the Bluetooth interface to enter the management interface of paired Bluetooth devices shown as the picture below:

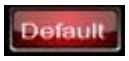
	Close	Exit the current folder
	Display area of Bluetooth devices	Display the number of the ever paired Bluetooth devices
	Upward	Display the number of the previous Bluetooth device
	Downward	Display the number of the next Bluetooth device
	Connect	Send the connection request to the selected Bluetooth device
	Disconnect	Disconnect the current connected device
	Delete all	Click to delete all the paired Bluetooth device

[Note] You should cut off the current connection before pairing your unit with another Bluetooth device, then click to search the target one. If you fail to find the desirable Bluetooth device, please turn back to the main interface and click the icon “pair” to pair and connect again.

ASP Sound Effects Settings

Click the ASP

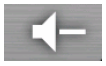
in the system settings menu to enter sound effects settings interface:

	Close	Exit the ASP setting
	Leftwards/ Rightwards	Shift the sound effects area towards the left/ right
	Upwards/ Downwards	Shift the sound effects area towards the front/ back
	Default	Resume the default settings
	Sound effect settings	Set the sound effect as you like.

Steering Wheel Control Settings

Click the steering in the system settings menu to enter steering wheel settings interface:

	Close	Exist the steering wheel settings
	Analog GPS navigation software	Open the analog GPS navigation software
	Analog functions	Select the analog functions
	Analog play	Analog play
	Analog mute	Analog mute

	Analog volume increased	Analog volume increased
	Analog volume decreased	Analog volume decreased
	Analog fast backwards	Analog fast backwards
	Analog fast forwards	Analog fast forwards
	Analog dial	Dial the analog numeric keyboard
	Analog close	Analog close
	Clear button	Delete all the input settings

Maintenances

The car navigation and multimedia systems will be a reliable navigator and good pastime companion as long as you protect and maintain it appropriately. Please adopt the following methods to keep your unit in top work condition. Any accidental damage will void the warranty.

Do not operate the touch panel using a ball-point pen or similar tool with the sharp tip. You are advised to tap carefully on the screen to operate as the screen might be damaged if pressed hard on the touch panel.

If you need to clean the faceplate of this unit, wipe it slightly with a dry soft cloth or with a cloth moistened with neutral cleaner. Do not apply spray cleaner directly to the screen or wipe the faceplate with a hard cloth.

Do turn off the unit before cleaning the faceplate.

Avoid drop because dropping from a high place or a harsh strike may damage precision parts, such as the screen.

If you need to transport by air, we suggest you run the unit through the conveyor X-ray with your carry-on luggage when passing through the security checkpoint. The magnetic metal detector you walk through, as well as the hand-held detectors used by inspectors, will damage the system data of the car navigation and multimedia systems, and our company will not be reliable for any system damage or data loss if the unit has been subjected to the magnetic detectors.

Avoid strong direct light: Do not expose this unit under strong light or ultraviolet directly so as to prolong its service life.